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APPLICANT : CITIZEN WATCH CO LTD;

INVENTOR : KOMINE SHINICHI;

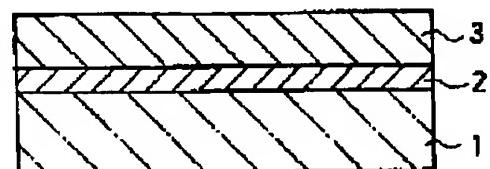
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TITLE : FORMATION OF TANTALUM FILM

(a)



(b)



ABSTRACT : PURPOSE: To reduce the specific resistance of a tantalum film used for the circuit and electrodes of a liq. crystal display panel of active matrix system and to increase the area of the panel.

CONSTITUTION: One or more among gaseous N₂, CO₂, methane and O₂ are added to rare gas, tantalum is sputtered with the resulting gas to form a first tantalum layer 2 on a substrate 1 and then tantalum is sputtered with only rare gas to form a second tantalum layer 3.

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